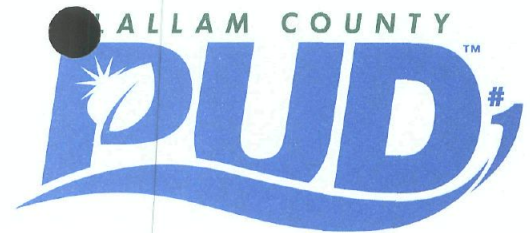


November 1, 2011



Bringing Energy To Life™

State of Washington
Department of Ecology
Water Resources Program
Post Office Box 47775
Olympia, WA 98504-7775

RECEIVED

NOV 02 2011

WA State Department
of Ecology (SWRO)

Attn: Section Manager

RE: GROUND WATER PERMIT NO. 7439
BLUFFS WELL / TAG #AHM614
PORT ANGELES COMPOSITE

Dear Sir:

One of the provisions listed in your letter dated February 5, 2009, regarding the extension of the District's Ground Water Permit No. 7439, included the analysis of chloride and conductivity. We have completed semi-annual monitoring since 1999; test results for 2011 are enclosed.

We monitored the static water level in the new observation well simultaneous with collecting the water sample. The static water level on April 14, 2011 was 180'7", and on September 7, 2011 it was 180'6".

Water use data is recorded each work day and reported on the DOE website each month.

If you have any questions regarding this information, please contact me at 360.565.3449 or tomm@clallampud.net.

Sincerely,

Tom Martin
Water/Wastewater Systems
Assistant Superintendent

TM/va
Enclosures

CG2-GWP7439

18

Commissioners: Will Purser, District No. 1 • Hugh Haffner, District No. 2 • Ted Simpson, District No. 3 General Manager: Doug Nass

PUD No. 1 of Clallam County • 2431 East Highway 101 • P.O. Box 1090 • Port Angeles, WA 98362-0207 • www.clallampud.net

Office 360-452-9771 • Fax 360-452-9338



Burlington WA
Corporate Office

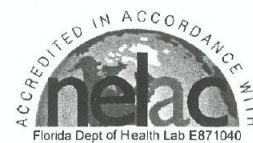
1620 S Walnut St - 98233
800.755.9295 • 360.757.1400

Bellingham WA
Microbiology

805 Orchard Dr Ste 4 - 98225
360.671.0688

Portland OR
Microbiology/Chemistry

9150 SW Pioneer Ct Ste W- 97070
503.682.7802



FILE COPY

INORGANIC COMPOUNDS (IOC) REPORT

Client Name: PUD NO.1 of Clallam County
PO BOX 1090
2431 Highway 101 East
Port Angeles, WA 98362

Reference Number: 11-05280
Project: Bluffs

System Name: PORT ANGELES COMPOSITE
System ID Number: 432960
DOH Source Number: 01
Multiple Sources:
Sample Type: A - After treatment
Sample Purpose: C - Compliance
Sample Location: Finished tap at well
County: Clallam

Sample Number: Bluffs
Lab Number: 046-11686
Collect Date: 4/12/11 09:55
Date Received: 4/13/11
Report Date: 4/22/11
Sampled By: George Crabb
Sampler Phone: 360-565-3254
Released by:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Analyzed	COMMENT
16	Other ELECTRICAL CONDUCTIVITY	365	uS/cm	10		700	srf	SM2510 B	04/14/11	
21	EPA Regulated (Secondary) CHLORIDE	13	mg/L	0.1		250	mvp	300.0	04/14/11	
15	HARDNESS as Calcium Carbonate	168	mg/L	3.30			bj	200.7	04/19/11	
	STATIC WATER LEVEL	180.7								

NOTES:

SRL (State Reporting Level): indicates the minimum reporting level required by the Washington Department of Health (DOH).

MCL (Maximum Contaminant Level): maximum permissible level of a contaminant in water established by EPA; Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.

Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.

ND (Not Detected): indicates that the parameter was not detected above the Specified Reporting Limit (SRL).

An * in front of the parameter name indicates it is not NELAP accredited but it is accredited through WSDOH or USEPA Region 10.

These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples.

If you have any questions concerning this report contact us at the above phone number.

FORM: IOC_ST



Burlington WA
Corporate Office

1620 S Walnut St. 98233
800 755 9295 • 360 757 1400

Bellingham WA
Microbiology

805 Orchard Dr Ste 4 98225
360 671 0688

COPY

Portland OR
Microbiology/Chemistry

3450 SW Pioneer St Ste W 97070
503 682 7802



INORGANIC COMPOUNDS (IOC) REPORT

Client Name: PUD NO.1 of Clallam County
PO BOX 1090
2431 Highway 101 East
Port Angeles, WA 98362

Reference Number: 11-14235
Project: Bluffs Well

System Name: FAIRVIEW (LUD #1/LUD #11 BLUFFS)
System ID Number: 432960
DOH Source Number: 02
Multiple Sources:
Sample Type: A - After treatment
Sample Purpose: C - Compliance
Sample Location: Finished Tap at Well
County: Clallam

Sample Number: Bluffs Well
Lab Number: 046-31453
Collect Date: 9/7/11 09:05
Date Received: 9/8/11
Report Date: 9/15/11
Sampled By: D. Thompson
Sampler Phone: 360-565-3254
Released by:

DOH#	ANALYTES	RESULTS	UNITS	SRL	Trigger	MCL	Analyst	METHOD	Analyzed	COMMENT
16	Other ELECTRICAL CONDUCTIVITY	368	uS/cm	10		700	srf	SM2510 B	09/13/11	
21	EPA Regulated (Secondary) CHLORIDE	13	mg/L	0.1		250	bj	300.0	09/08/11	
0	IRON	ND	mg/L	0.050		0.3	bj	200.7	09/13/11	
0	HARDNESS as Calcium Carbonate	153.3	mg/L	3.30			bj	200.7	09/13/11	
0	MANGANESE	ND	mg/L	0.005		0.05	bj	200.7	09/13/11	
0	HYDROGEN ION (pH)	6.98	pH Units				srf	SM4500-H+ B	09/08/11 15 03	
	STATIC WATER LEVEL	180.6								

NOTES:

SRL (State Reporting Level): indicates the minimum reporting level required by the Washington Department of Health (DOH)

MCL (Maximum Contaminant Level): maximum permissible level of a contaminant in water established by EPA, Federal Action Levels are 0.015 mg/L for Lead and 1.3 mg/L for Copper. Sodium has a recommended limit of 20 mg/L. A blank MCL value indicates a level is not currently established.

Trigger Level: DOH Drinking Water Response level. Systems with compounds detected in excess of this level are required to take additional samples. Contact your regional DOH office.

ND (Not Detected): indicates that the parameter was not detected above the Specified Reporting Limit (SRL)

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These test results meet all the requirements of NELAC, unless otherwise stated in writing, and relate only to these samples.

If you have any questions concerning this report contact us at the above phone number.